Claims

What is claimed is:

1. A system for providing a personal user agent for a plurality of devices in a user domain, the system comprising:
    a) an interface facilitating communications; and
    b) a control system associated with the interface and adapted to:
        i)   register a plurality of devices that are in a user domain and associated with a user, each of the plurality of devices having a media capability; and
        ii) for an incoming call intended for the user:
            A) receive a session message on behalf of the user initiating the incoming call and identifying a first requested media capability to facilitate a media session for the incoming call;
            B) select a first of the plurality of devices based on the first requested media capability; and
            C) communicate with the first of the plurality of devices to establish the media session having the first requested media capability for the incoming call.

2. The system of claim 1 wherein the control system is further adapted to:
    a) determine that a second media session having a second requested media capability has been requested for the incoming call;
    b) select a second of the plurality of devices based on the second requested media capability; and

c) communicate with the second of the plurality of devices to establish the second media session having the second requested media capability for the incoming call.

3. The system of claim 2 wherein the session message initiating the incoming call identifies the second media session and the second requested media capability and the control system is further adapted to determine that the second media session having the second requested media capability has been requested for the incoming call based on the session message.

4. The system of claim 2 wherein the session message initiating the incoming call identifies the second media session and the second requested media capability and the control system is further adapted to receive a session message initiating the second media session from the second of the plurality of media devices to determine that the second media session having the second requested media capability has been requested for the incoming call.

5. The system of claim 2 wherein the control system is further adapted to receive a second session message associated with the incoming call and identifying the second media session to determine that the second media session having the second requested media capability has been requested for the incoming call.

6. The system of claim 1 wherein, for an outgoing call initiated by the user, the control system is further adapted to:

a) receive a session message initiating the outgoing call from one of the plurality of devices; and

b) send a message corresponding to the session message to establish the media session for the outgoing call on behalf the user.

7. The system of claim 6 wherein the control system is further adapted to:

a) determine that a second media session having a second requested media capability has been requested for the outgoing call; and

b) communicate with a second of the plurality of devices to establish the second media session having the second requested media capability for the outgoing call.

8. The system of claim 7 wherein the control system is further adapted to select the second of the plurality of devices based on the second requested media capability.

9. The system of claim 1 wherein the control system is further adapted to represent each of the plurality of devices in the user domain as a single device having a plurality of media capabilities to devices outside of the user domain.

10. The system of claim 9 wherein the control system is further adapted to provide a single address for each of the plurality of devices in the user domain.

11. The system of claim 1 wherein the control system is further adapted to:

a) provide a profile defining at least one combination of the plurality of devices to select for a call based on combinations of media capabilities requested for the call; and

b) select the at least one combination of devices for the call.

12. The system of claim 1 wherein the control system is further adapted to:

a) provide a profile defining at least one other of the plurality of devices to select when a call is initiated from one of the plurality of devices; and

b) select the at least one other of the plurality of devices requested for the call.

13. The system of claim 1 wherein the control system is further adapted to:

a) determine that a second media session having a second requested media capability has been requested for the incoming call;

b) select the first of the plurality of devices based on the second requested media capability; and

c) communicate with the first of the plurality of devices to establish the second media session having the second requested media capability for the incoming call.

14. A computer readable medium having software for providing a personal user agent for a plurality of devices in a user domain, the software comprising instructions for a computer to:

a) register a plurality of devices that are in a user domain and associated with a user, each of the plurality of devices having a media capability; and

b) for an incoming call intended for the user:

    i) receive a session message on behalf of the user initiating the incoming call and identifying a first requested media capability to facilitate a media session for the incoming call;

    ii) select a first of the plurality of devices based on the first requested media capability; and

    iii) communicate with the first of the plurality of devices to establish the media session having the first requested media capability for the incoming call.

15. The computer readable medium of claim 14 further comprising instructions to:

a) determine that a second media session having a second requested media capability has been requested for the incoming call;

b) select a second of the plurality of devices based on the second requested media capability; and

c) communicate with the second of the plurality of devices to establish the second media session having the second requested media capability for the incoming call.

16. The computer readable medium of claim 15 wherein the session message initiating the incoming call identifies the second media session and the second requested media capability and further comprising instructions adapted to determine that the second media session having the

second requested media capability has been requested
for the incoming call based on the session message.

17. The computer readable medium of claim 15 wherein the
session message initiating the incoming call identifies
the second media session and the second requested media
capability and further comprising instructions to
receive a session message initiating the second media
session from the second of the plurality of media
devices to determine that the second media session
having the second requested media capability has been
requested for the incoming call.

18. The computer readable medium of claim 15 further
comprising instructions to receive a second session
message associated with the incoming call and
identifying the second media session to determine that
the second media session having the second requested
media capability has been requested for the incoming
call.

19. The computer readable medium of claim 14 wherein, for
an outgoing call initiated by the user, further
comprising instructions to:
a) receive a session message initiating the outgoing
call from one of the plurality of devices; and
b) send a message corresponding to the session message
to establish the media session for the outgoing
call on behalf the user.

20. The computer readable medium of claim 19 further
comprising instructions to:

a) determine that a second media session having a
    second requested media capability has been
    requested for the outgoing call; and
b) communicate with a second of the plurality of
    devices to establish the second media session
    having the second requested media capability for
    the outgoing call.

21. The computer readable medium of claim 20 further
    comprising instructions to select the second of the
    plurality of devices based on the second requested
    media capability.

22. The computer readable medium of claim 14 further
    comprising instructions to represent each of the
    plurality of devices in the user domain as a single
    device having a plurality of media capabilities to
    devices outside of the user domain.

23. The computer readable medium of claim 22 further
    comprising instructions to provide a single address for
    each of the plurality of devices in the user domain.

24. The computer readable medium of claim 14 further
    comprising instructions to:
a) provide a profile defining at least one combination
    of the plurality of devices to select for a call
    based on combinations of media capabilities
    requested for the call; and
b) select the at least one combination of devices for
    the call.

25. The computer readable medium of claim 14 further
    comprising instructions to:

a) provide a profile defining at least one other of the plurality of devices to select when a call is initiated from one of the plurality of devices; and

b) select the at least one other of the plurality of devices requested for the call.

26. The computer readable medium of claim 14 further comprising instructions to:

a) determine that a second media session having a second requested media capability has been requested for the incoming call;

b) select the first of the plurality of devices based on the second requested media capability; and

c) communicate with the first of the plurality of devices to establish the second media session having the second requested media capability for the incoming call.

27. A method for providing a personal user agent for a plurality of devices in a user domain comprising:

a) registering a plurality of devices that are in a user domain and associated with a user, each of the plurality of devices having a media capability; and

b) for an incoming call intended for the user:

i) receiving a session message on behalf of the user initiating the incoming call and identifying a first requested media capability to facilitate a media session for the incoming call;

ii) selecting a first of the plurality of devices based on the first requested media capability; and

iii) communicating with the first of the plurality of devices to establish the media session having the first requested media capability for the incoming call.

28. The method of claim 27 further comprising:
   a) determining that a second media session having a second requested media capability has been requested for the incoming call;
   b) selecting a second of the plurality of devices based on the second requested media capability; and
   c) communicating with the second of the plurality of devices to establish the second media session having the second requested media capability for the incoming call.

29. The method of claim 28 wherein the session message initiating the incoming call identifies the second media session and the second requested media capability and further comprising determining that the second media session having the second requested media capability has been requested for the incoming call based on the session message.

30. The method of claim 28 wherein the session message initiating the incoming call identifies the second media session and the second requested media capability and further comprising receiving a session message initiating the second media session from the second of the plurality of media devices to determine that the second media session having the second requested media capability has been requested for the incoming call.

31. The method of claim 28 further comprising receiving a second session message associated with the incoming call and identifying the second media session to determine that the second media session having the second requested media capability has been requested for the incoming call.

32. The method of claim 27 further comprising, for an outgoing call initiated by the user:
    a) receiving a session message initiating the outgoing call from one of the plurality of devices; and
    b) sending a message corresponding to the session message to establish the media session for the outgoing call on behalf the user.

33. The method of claim 32 further comprising:
    a) determining that a second media session having a second requested media capability has been requested for the outgoing call; and
    b) communicating with a second of the plurality of devices to establish the second media session having the second requested media capability for the outgoing call.

34. The method of claim 33 further comprising selecting the second of the plurality of devices based on the second requested media capability.

35. The method of claim 27 further comprising representing each of the plurality of devices in the user domain as a single device having a plurality of media capabilities to devices outside of the user domain.

36. The method of claim 35 further comprising providing a single address for each of the plurality of devices in the user domain.

37. The method of claim 27 further comprising:
   a) providing a profile defining at least one combination of the plurality of devices to select for a call based on combinations of media capabilities requested for the call; and
   b) selecting the at least one combination of devices for the call.

38. The method of claim 27 further comprising:
   a) providing a profile defining at least one other of the plurality of devices to select when a call is initiated from one of the plurality of devices; and
   b) selecting the at least one other of the plurality of devices requested for the call.

39. The method of claim 27 further comprising:
   a) determining that a second media session having a second requested media capability has been requested for the incoming call;
   b) selecting the first of the plurality of devices based on the second requested media capability; and
   c) communicating with the first of the plurality of devices to establish the second media session having the second requested media capability for the incoming call.